



# OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04  
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 330-786-3100

## **Environmental Document**

for

## **POR CR 253 Silica Sand Br East PID 105550**

**Environmental Document Level: C2**

**Approved: 7/15/2020**

**Prepared By: Brian Peck**

ODOT DISTRICT 4

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*The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by ODOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated June 6, 2018, and executed by FHWA and ODOT.*

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## C2

**PID:** 105550  
**Project Sponsor:** PORTAGE COUNTY ENGINEER  
**ODOT District:** 4  
**Funding Source:** Federal  
**Private Funding:** No

### **Project Description:**

The Portage County Engineer (PCE) proposes to replace the existing single span Silica Sand Road (County Road 253) steel beam bridge POR CR253 Silica Sand Road # 163/POR-C2530-010480; Structure File Number 6735622 spanning Eagle Creek, 900 feet west of Colton Road, in Windham Township, Portage County, by means of a Design-Build contract. This existing bridge is 20 feet wide, 76 feet long and was built in 1940. The proposed new bridge will be a 26-foot wide and minimum 87-foot long single span structure and consist of either a galvanized rolled steel beam, prestressed concrete I-beam or prestressed concrete box beam superstructure with a new composite concrete deck and new abutments/wingwalls. The proposed new abutments will be semi-integral or integral type constructed behind the existing sandstone abutments, to be cut down, as necessary, to accommodate the new structure with the remainder of the existing abutments to be left in place, and concrete wingwalls to avoid impact below the ordinary highwater mark (OHWM) of Eagle Creek and abutting wetlands areas. The project also proposes bridge approach slab replacements, approximately 0.09 mile of approach roadway pavement replacement, new center line/edge line applications and new traffic sign installation.

Mapping that depicts the project on United States Geological survey (USGS) 7.5-minute topographic quadrangle maps is included in the Project File/General/Project Information subsection as USGS Quadrangle Topographical Map.pdf.

The proposed bridge replacement will require closure of Silica Sand Road at Eagle Creek for a period not to exceed 90 consecutive calendar days when through traffic will be detoured along Colton Road, State Route 82 and Parkman Road. Construction, road closure and detour information will be posted within the project limits prior to the start of construction. Access to all adjacent properties and businesses will be maintained at all times during project construction. Substantial traffic disruptions are not expected during project construction.

The project will be constructed within the existing roadway right-of-way.

Minor relocations of existing utilities within the project study area will be necessary to construct the project. These minor utility relocations will occur within the existing roadway right-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities will be conducted for the project during its design phase as part of the Design-Build contract.



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The undertaking is limited to the replacement of a Type 321, Steel Beam Simple bridge built in 1940. The replacement structure will be located on the existing line and grade. The work will include upgrades to the approaches that are established on artificial embankments. The existing bridge structure is not eligible for the National Register based on the 2009 Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). No reported Historic Properties are found in the construction area or in the area of potential effects (APE). The replacement of non-historic bridges is exempt from further cultural resource consideration by the 11/8/2017 Cultural Resource PA (Agreement 19319), if the project is not within the boundaries of any Historic Property or National Register District. In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, Ohio Department of Transportation (ODOT) Office of Environmental Services (OES) determined the project is a type of undertaking that has 'minimal potential to cause effects' to historic properties and is not a part of a larger undertaking. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information and Coordination subsections and the Cultural Resources Tab.

Based on the information in the Regulated Materials Review (RMR) Form completed for the project, further RMR activities or special materials management are not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

The project shall not impact below the OHWM of Eagle Creek and abutting wetlands areas at the bridge site. See ecological information for the project in the Level 1 Ecological Survey and agency coordination documentation in the Project File/Ecological/Reports subsection.

See continuation of the project description in the Project File/General/Project Information subsection as Project Description Continued.pdf.

**STIP Reference #**

105550: 21-24 STIP SLI Group  
Project. Fiscal constraint is at SLI  
Group level.

**Select the appropriate project type:**

(28) Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings, if the actions meet the constraints in 23 CFR 771.117(e). **Examples include: Railroad projects that close or relocate at-grade crossings**

In accordance with 23 CFR 771.117(e), the proposed project cannot be processed as a C2 CE, if it involves -  
a. Acquisition of more than a minor amount of right-of-way  
b. Residential or non-residential displacements  
c. A Coast Guard, Individual Section 404 and/or a Section 10 permit  
d. A Section 106 finding of Adverse Effect  
e. A Section 4(f) Programmatic or Individual Evaluation  
f. A finding of May Affect, Likely to Adversely Affect to Threatened and Endangered Species  
g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions  
h. Changes in access control  
i. Floodplain encroachment other than functionally dependent uses (e.g., bridges, wetlands) or actions that facilitate open space use (e.g., recreational trails, bicycle and pedestrian paths)  
j. Construction activities in, across or adjacent to a river component designated or proposed for inclusion in the National System of Wild and Scenic Rivers  
k. No minor public or agency controversy on environmental grounds ( no opposition from any organized groups or agencies and no unresolved environmental coordination )  
l. If an EJ Analysis Report is required, the project must be processed as a D-level CE or higher level document For certification purposes, documentation is required to illustrate no significant impacts will occur to the following environmental resources and that no unusual circumstances exist that would warrant a higher level of NEPA document.



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Upload all supporting documentation to the project file.

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	
<b>Isolated Wetland Permit</b>	No
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	May Affect, Not Likely to Adversely Affect
<b>Endangered Species - Coordination Date</b>	08/30/2019
<b>Endangered Species - Critical Habitat Present/Impacted</b>	
Indiana bat	
Northern long-eared bat	
<b>Endangered Species - Other Critical Habitat Present/Impacted:</b>	No
<b>100-Year Floodplain:</b>	Encroachment Within the SFHA is a Functionally Dependent Use
<b>EO 11988/NFIP Coordination and Documentation Completed:</b>	Yes
<b>NFIP Local Floodplain Coordinator Notification Date:</b>	06/05/2020
<b>Section 4(f):</b>	Not present
<b>Section 6(f):</b>	Not present
<b>Cultural Resources:</b>	Present; No Finding of Adverse Effect
<b>Cultural Resources Coordination:</b>	Minimum Potential to Cause Effect Appendix B
<b>Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date</b>	03/26/2019

**Tribal Consultation Summary/Remarks:**

The Miami Tribe of Oklahoma offered no objection to the project as it is not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, as this site is within the aboriginal homelands of the Miami Tribe, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. See the Miami Tribe of Oklahoma correspondence, dated April 23, 2019, with its comments on the project in the Project File/Cultural Resources/Coordination subsection.

Projects that meet C2 criteria are not anticipated to have impacts to the following environmental resources. If



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resources are present, documentation is only required if there is a potential for impacts.

<b>Air Quality:</b>	Studies Not Required
<b>Air Quality - Coordination with OES:</b>	No
<b>Noise:</b>	Studies Not Required
<b>Noise Coordination - OES Approval Date:</b>	
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	03/20/2020
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<b>Farmland:</b>	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
<b>Scenic Rivers</b>	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area
Projects that meet C2 criteria must be in accordance with ODOT's UP Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.	
<b>Underserved Populations</b>	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
<b>Public Involvement:</b>	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds
<b>Environmental Commitments</b>	Yes



## **Environmental Commitments**

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- 1) The project designer shall incorporate the following note into the plans. **ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT:** THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED TO CONSTRUCT THE PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.
- 2) The project is located within a FEMA flood zone and the project designer shall ensure the project is designed to comply with all applicable local, state and Federal floodplain protection standards. Appropriate floodplain permitting shall be obtained prior to the start of construction.
- 3) The project designer shall incorporate the following note into the plan. **STREAM AVOIDANCE:** UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER EAGLE CREEK. NO FILL MATERIAL (INCLUDING ROCK, COFFERDAMS, ACCESS/WORK PADS, ETC.) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF EAGLE CREEK ON THE STREAM SIDE OF THE EXISTING ABUTMENTS. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING EAGLE CREEK.
- 4) The project designer shall incorporate the following note into the plan. **WETLANDS AVOIDANCE:** NO EXCAVATION, GRADING OR FILLING OPERATIONS SHALL BE PERFORMED IN THE WETLANDS DELINEATED BEYOND THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE PROJECT PLANS. TO PROTECT AND DELINEATE THE BOUNDARIES OF THE EXISTING RESOURCES, A FILTER FABRIC FENCE AND TEMPORARY CONSTRUCTION FENCE PER SUPPLEMENTAL SPECIFICATION 832, SHALL BE INSTALLED AT THE PROPOSED CONSTRUCTION LIMITS, MAINTAINING A MINIMUM ONE-FOOT BUFFER BETWEEN THE TEMPORARY CONSTRUCTION FENCE AND THE WETLAND BOUNDARIES, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES, AND MAINTAINED BY THE CONTRACTOR THROUGHOUT PROJECT CONSTRUCTION AND REMOVED BY THE CONTRACTOR UPON PROJECT COMPLETION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE EQUIPMENT AND/OR MATERIALS IN ANY WETLANDS, ETC. ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS SECTION 107.10 (PROTECTION AND RESTORATION OF PROPERTY) PROHIBIT THE CONTRACTOR FROM CREATING STAGING AREAS NEAR STREAMS AND/OR WETLANDS.



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### **Preparers and Approvals**

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**Supporting Form Preparer(s):** Brian Peck  
Christine Surma

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	7/15/2020



## **Appendix**

### **Cultural Resources**

Buckeye Assets Mapping.pdf

### **Ecological**

Coordination with ODNR and USFWS.pdf

### **Cultural Resources**

Minimal Potential to Cause Effect - Appendix B

### **Ecological**

ODOT Disposition of Agency Comments.pdf

### **General**

Project Description Continued.pdf

### **Cultural Resources**

Records Check.pdf

### **Ecological**

USFWS Comments Consult Form POR-253 PID 105550.pdf

### **Underserved Populations**

Census Mapping.pdf

### **Permits**

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf

Hydrologic and Hydraulic Calculations.pdf

### **Public Involvement**

Nextdoor.com Publication Dated 4-16-2020.pdf

ODOT Website Posting Snap Shot 4-16-2020.pdf

ODOT Website Posting Snap Shot 6-26-2020.pdf

ODOT Website Project Posting Dated 4-16-2020.pdf

Press Release.pdf

Project Related Decision - Public Involvement.pdf

Property Owner Notification Letter Mailing Addresses.pdf

Property Owner Notification Letter.pdf



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Public and Emergency Services Contact List.pdf

Public and Emergency Services Project Notification.pdf

**Underserved Populations**

Underserved Populations Documentation Form.pdf